



2000 Toxics Release Inventory

ALASKA

Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
On-site Releases	1,976,439	533,508,500	535,484,939
Air Emissions	1,869,804	983,579	2,853,383
Surface Water Discharges	101,707	1,946	103,653
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	256	36,790,367	36,790,623
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	4,672	495,732,608	495,737,280
Off-site Releases (Transfers Off-site to Disposal)*	2	4,330	4,332
Total On- and Off-site Releases	1,976,440	533,512,830	535,489,271
Recycled On-site	96,085	1,335,016	1,431,101
Recycled Off-site	0	1	1
Energy Recovery On-site	450,000	0	450,000
Energy Recovery Off-site	81	1,351	1,432
Treated On-site	1,962,690	500,306	2,462,996
Treated Off-site**	1,362	378	1,740
Quantity Released On- and Off-site***	1,966,329	532,321,010	534,287,339
Total Production-related Waste Managed	4,476,547	534,158,062	538,634,609
Non-production-related Waste Managed	23,842	0	23,842

Transfers Off-site for Further Waste Management/Disposal

Recycling	12	99	111
Energy Recovery	530	1,274	1,804
Treatment	2,442	146	2,588
Publicly Owned Treatment Works (POTWs)	5	29,213	29,218
Metals and Metal Compounds*	0	4,203	4,203
Non-metal TRI Chemicals**	5	25,010	25,015
Other Off-site Transfers****	0	0	0
Transfers Off-site to Disposal (not including metals to POTWs)	752	127	879
Total Transfers Off-site for Further Waste Management/Disposal	3,741	30,860	34,601

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

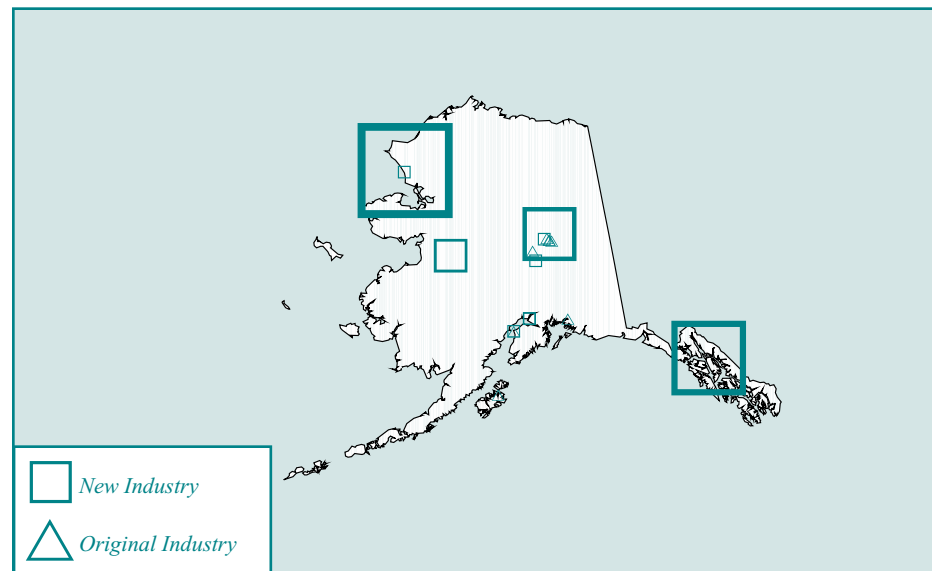
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assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
Fax: (202) 401-2347
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of Alaska. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	627,601
Square Miles	570,374
Total Facilities	25
Total Forms	133
Form As	16

	Original Industry	New Industry	Total
National Rank for Total On- and Off-site Releases*			
Rank	47	4	4
Pounds	1,976,440	533,512,830	535,489,271
National Rank for Total On-site Releases**			
Rank	47	4	4
Pounds	1,976,439	533,508,500	535,484,939
National Rank for Total Releases within State***			
Rank	47	4	4
Pounds	1,978,445	533,515,174	535,493,618
National Rank for Production-related Waste Managed			
Rank	50	4	17
Pounds	4,476,547	534,158,062	538,634,609

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	56,597	1,430	22,000,000	322,913,000	1,700	344,972,727	65	1,700	0
—	Lead compounds	9,637	155	8,300,000	128,332,241	0	136,642,033	6	0	0
—	Manganese compounds	37,789	101	1,200,000	25,354,749	750	26,593,389	275	750	0
—	Chromium compounds	105	5	49,000	6,437,000	751	6,486,861	0	750	1
—	Copper compounds	470	38	1,300,000	4,856,411	750	6,157,669	92	750	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Mercury compounds	114.36	0.00	9,367.00	6,820.80	3.40	16,305.56	0.00	3.40	0.00
7439-97-6	Mercury	64.27	0.00	0.00	1.00	3.00	68.27	0.00	0.00	3.00
—	Polycyclic aromatic compounds	0.34	19.00	0.00	13.00	0.00	32.34	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	0.01	1.00	0.00	13.00	0.00	14.01	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>0.542</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.542</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

*** No reports were submitted for these chemicals.



2000 Toxics Release Inventory

ALASKA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	521,973	555	0	0	0	444,800,000	445,322,528	0	0
Kennecott Greens Creek Mining Co., Juneau, Juneau	18,011	678	0	36,790,367	0	22,552,781	59,361,837	0	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	90,908	0	0	0	0	19,927,540	20,018,448	4,203	1
Illinois Creek Mine, Anchorage, Anchorage	265	0	0	0	0	8,452,285	8,452,550	0	0
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	1,365,575	90,880	0	256	0	255	1,456,966	0	750
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	388,016	0	0	0	0	0	388,016	0	0
Healy Power Plant, Healy, Denali	211,400	0	0	0	0	0	211,400	0	0
Kenai Pipeline Co. KPL Facility, Kenai, Kenai Peninsula	125,934	0	0	0	0	2	125,936	0	1
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	84,336	1,516	0	0	0	1,157	87,009	0	2
Williams Alaska Petroleum Inc., North Pole, Fairbanks North Star	31,105	765	0	0	0	3,260	35,130	0	0

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Kennecott Greens Creek Mining Co., Juneau, Juneau	6.26	0.00	0.00	9,367.00	0.00	5,781.00	15,154.26	0.00	0.00
Fort Knox Mine, Fairbanks, Fairbanks North Star	108.10	0.00	0.00	0.00	0.00	1,039.80	1,147.90	3.40	0.00
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	3.35	20.00	0.00	0.00	0.00	27.00	50.35	0.00	2.00
Healy Power Plant, Healy, Denali	34.00	0.00	0.00	0.00	0.00	0.00	34.00	0.00	0.00
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	15.90	0.00	0.00	0.00	0.00	0.00	15.90	0.00	0.00
U.S. Air Force Clear Air Force Station, Clear, Denali	11.37	0.00	0.00	0.00	0.00	0.00	11.37	0.00	0.00
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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Note: Facility ranked 7 reported less than 0.01 pounds of on- and off-site releases. Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero on- and off-site releases.

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



2000 Toxics Release Inventory

ALASKA

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	458,347	0	0	0	0	0	444,340,000	444,798,347	0
Kennecott Greens Creek Mining Co., Juneau, Juneau	0	0	0	0	0	0	59,157,000	59,157,000	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	293,575	1	0	0	54,000	11	20,018,448	20,366,035	0
Illinois Creek Mine, Anchorage, Anchorage	0	0	0	0	0	0	8,452,370	8,452,370	0
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	0	0	450,000	0	1,947,028	0	1,456,719	3,853,747	21,330
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	0	0	0	0	0	0	388,016	388,016	0
Healy Power Plant, Healy, Denali	0	0	0	0	0	0	211,400	211,400	0
Kenai Pipeline Co. KPL Facility, Kenai, Kenai Peninsula	0	0	0	0	437,568	97	125,934	563,599	0
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	15,825	0	0	0	8,320	431	84,335	108,911	128
Williams Alaska Petroleum Inc., North Pole, Fairbanks North Star	80,260	0	0	81	6,613	931	28,474	116,359	2,383

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Kennecott Greens Creek Mining Co., Juneau, Juneau	0	0	0	0	0	0	15,000	15,000	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	75	0	0	0	0	0	1,148	1,223	0
Healy Power Plant, Healy, Denali	0	0	0	0	0	0	34	34	0
U.S. Air Force Eielson AFB, Eielson A F B, Fairbanks North Star	0	0	0	0	0	0	16	16	0
U.S. Air Force Clear Air Force Station, Clear, Denali	0	0	0	0	0	0	11	11	0
Tesoro Alaska Co. Kenai Refy., Kenai, Kenai Peninsula	0	0	0	0	0	2	3	5	0
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	0	0	0	0	0	0	0	0	0
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Note: Facility ranked 7 reported less than 1 pound of total production-related waste. Although there are less than ten facilities in this ranking, there were facilities that met chemical reporting thresholds but reported zero quantity released on- and off-site.

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.